

# ABSTRACT

A method for obtaining a desired level of diffusivity of acoustic output from an acoustic device. The method comprises the steps of measuring at least two responses of the acoustic device, one response being a reference response, and calculating the correlation between each measured response and the reference response; then varying at least one parameter of the acoustic device, remeasuring the at least two responses and calculating the correlation between the remeasured reference response and the other remeasured responses for each variation. The or each parameter of the acoustic device then is selected which gives a correlation closest to a predetermined optimum value so that the desired diffusivity is obtained.